

**Annual Report 2009**

**Production Sector**

OMB Control No. 2060-0328  
Expires 07/31/2011



**Company Information**

Company Name: **Torch Energy**  
Gas STAR Contact: **Dwight Serrett**  
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Company Information Updated: **Yes**

**Activities Reported**

**BMP1: No BMP2: Yes BMP3: Yes**

Total Methane Emission Reductions Reported This Year: **65,899**

Previous Years' Activities Reported: **No**

**Period Covered by Report**

From: **01/01/2009** To: **12/31/2009**

☒ I hereby certify the accuracy of the data contained in this report.

**Additional Comments**

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BMP2: Install Flash Tank Separators on Glycol Dehydrators

**Current Year Activities**

**A. Facility/location identifier information:**

**Mardi Gras FGT Compressor Station**

**B. Facility Summary**

Number of flash tank separators installed this reporting period: **1 flash tanks**

Percent of dehydrators in system equipped with flash tank separators: **50 %**

**C. Cost Summary**

Estimated cost per flash tank separator replacement (including equipment and labor): **\$ 5,000**

**D. Methane Emissions Reduction**

Method Used: **Standard Calculation**

Data Source: **Field measurement**

Methane Emissions Reduction: **1,233 Mcf/year**

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

One-year    ☒    Multi-year

**If Multi-year:**    ☒    Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration (BMP 2 has a sunset period of 10 years).  
Partner will report this activity annually up to allowed sunset date.

**F. Total Value of Gas Saved**

Value of Gas Saved:    **\$ 8,631**

\$ / Mcf used:    **\$7.00**

**G. Planned Future Activities**

Number of flash tank separators to be installed next year:    **0 flash tanks**

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#### Previous Years' Activities

Year	# Flash Tank Separators Installed	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of installations (including equipment and labor)

#### Additional Comments

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BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

**A. Facility/location identifier information:**

**Mardi Gras FGT Compressor Station**

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**Install condensers on glycol dehydrators (10 years)**

Please describe how your company implemented this PRO:

**JATCO System III was installed on the Glycol Unit at this Station.**

**C. Level of Implementation**

**Number of units installed: 1 units**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **953 Mcf/year**

Basis for the emissions reduction estimate: **Calculation using manufacturer specifications**

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

☒ One-year

☐ Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

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**F. Cost Summary**

Estimated cost of implementing the PRO (including equipment and labor): **\$ 70,000**

**G. Total Value of Gas Saved**

Value of Gas Saved: **\$ 6,671**

\$ / Mcf used: **\$ 7.00**

**H. Planned Future Activities**

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

**Previous Years' Activities**

<b>Year</b>	<b>Frequency of practice/activity or # of Installations</b>	<b>Total Cost * (\$)</b>	<b>Estimated Reductions (Mcf/Yr)</b>	<b>Value of Gas Saved (\$)</b>

\* Total cost of practice/activity (including equipment and labor)

**Additional Comments**

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BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

**A. Facility/location identifier information:**

**Mardi Gras FGT Compressor Station**

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**Install electric compressors (10 years)**

Please describe how your company implemented this PRO:

**The compressor station was installed to boost gas from our Mardi Gras Pipeline into Florida Gas Transmission's pipeline near Bogalusa, Louisiana. Electric motor drives were chosen to reduce emissions and noise.**

**C. Level of Implementation**

**Number of units installed: 3 units**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **63,713 Mcf/year**

Basis for the emissions reduction estimate: **Other**

1050 installed horsepower. Replacing internal combustion engines at 7,100 BTU/BHP/Hr. Fuel Rate at 1,025 BTU/CuFt

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

One-year                      ☒ Multi-year

**If Multi-year:**

- ☒ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

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**F. Cost Summary**

Estimated cost of implementing the PRO (including equipment and labor): **\$ 1,950,000**

**G. Total Value of Gas Saved**

Value of Gas Saved: **\$ 445,991**

\$ / Mcf used: **\$ 7.00**

**H. Planned Future Activities**

To what extent do you expect to implement this PRO next year?: **None planned at this time.**

**Previous Years' Activities**

<b>Year</b>	<b>Frequency of practice/activity or # of Installations</b>	<b>Total Cost * (\$)</b>	<b>Estimated Reductions (Mcf/Yr)</b>	<b>Value of Gas Saved (\$)</b>

\* Total cost of practice/activity (including equipment and labor)

**Additional Comments**

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**Additional Accomplishments**